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NATIONAL PHOTOGRAPHIC
INTERPRETATION CENTER

*MISSION
HIGHLIGHTS*

OAK
KH-9 MISSION 1205-2
22 MARCH - 4 APRIL 1973

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APRIL 1973
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WARNING

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TARGET CATEGORIES AND ASSOCIATED NTP FUNCTIONAL AREAS (CODES)

- | | |
|----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|-----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| 1. STRATEGIC SSM
Deployed Strategic SSM Facilities (A) | 7. GROUND
Ground Force Facilities (G) |
| 2. MISSILE RANGES
Missile Ranges: Strategic SSM/Space Facilities (P)
Missile Ranges: Air-Launched Missile Facilities (Q)
Missile Ranges: Naval-Launched Missile Facilities (R)
Missile Ranges: Tactical SSM Facilities (S)
Missile Ranges: SAM/AMM Facilities (T) | 8. TACTICAL SSM
Deployed Tactical SSM Facilities (H) |
| 3. AIR DEFENSE MISSILES
Deployed AMM Facilities (B)
Deployed SAM Facilities (D) | 9. LOGISTICS
Military Logistics Facilities (K) |
| 4. ELECTRONICS/COMMUNICATIONS
Deployed Communication/Electronic/Radar Facilities (C) | 10. NUCLEAR ENERGY
Atomic Energy Facilities (O) |
| 5. AIR
Air Base Facilities (E) | 11. CBR
CBR Facilities (V) |
| 6. NAVAL
Naval Base Facilities (F) | 12. INDUSTRY
Strategic Weapons Industrial Facilities (J)
General Purpose Weapons Industrial Facilities (L)
Non-Military Industrial Facilities (N)
Communication/Electronic/Radar R&D Facilities (U) |
| | 13. MISCELLANEOUS
Non-Military Logistics Facilities (M)
Miscellaneous/Unidentified Facilities (Z) |

These thirteen target categories are compatible with the Functional Area of Imagery Interpretation established under the National Tasking Plan. To enhance the analysis of readout on operationally associated targets, each target is reported relative to its primary functional association (i.e., missile range tracking facilities are reported under "MISSILE RANGES," fly-away airfields at aircraft plants are reported under "INDUSTRY," airfield nuclear weapons storage facilities are reported under "AIR," etc.).

WARNING NOTICE
Sensitive Intelligence Sources
and Methods Involved.

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PREFACE

THIS REPORT PROVIDES THE MISSION HIGHLIGHTS DEVELOPED
IN THE OAK PHASE OF THE EXPLOITATION OF KH-9 MISSION
1205-2, 22 MARCH - 4 APRIL 1973.

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HIGHLIGHTS

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KH-9 MISSION 1205

MISSION HIGHLIGHTS

USSR

MISSILE ACTIVITY

1. ANTIPINSKOYE SAM FIRING RANGE (52-52-10N 113-36-50E, [REDACTED])

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SA-6 AND SA-4 TACTICAL SAM EQUIPMENT WAS OBSERVED AT THIS RANGE ON 24 MARCH. THIS IS THE FIRST TIME SA-6 EQUIPMENT HAS BEEN IDENTIFIED AT THE RANGE. SA-4 EQUIPMENT WAS OBSERVED HERE ONCE PREVIOUSLY [REDACTED]. THE SA-6 EQUIPMENT INCLUDED FOUR TRANSPORTER-ERECTOR-LAUNCHERS (TELS), ONE POSSIBLE STRAIGHT FLUSH TRACKING AND GUIDANCE RADAR, TWO TRANSLOADERS, AND THREE PROBABLE CANISTER TRANSPORTERS. SA-4 EQUIPMENT INCLUDED 12 TELS, SEVEN PROBABLE PAT HAND TRACKING AND GUIDANCE RADARS, EIGHT TRANSLOADERS, 16 CANISTER TRANSPORTERS, ONE PROBABLE THIN SKIN RADAR, AND THREE PROBABLE LONG TRACK RADARS.

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2. ZLATOUST ROCKET ENGINE TEST FACILITY (55-08-37N 059-55-02E, [REDACTED])

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FOUR POSSIBLE SS-NX-8 MISSILE DOLLIES WERE OBSERVED NEAR THE HIGH-BAY CHECKOUT BUILDING AT THE NORTH END OF THE FACILITY ON 4 APRIL. TWO POSSIBLE SS-NX-8 DOLLIES HAD BEEN OBSERVED AT THE FACILITY [REDACTED]

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INCREASED CONSTRUCTION ACTIVITY INDICATES THAT THE FACILITY COULD BE COMPLETE BY LATE 1973 OR EARLY 1974. RENEWED CONSTRUCTION WORK ON THE VERTICAL TEST STAND, FIRST REPORTED ON [REDACTED] NOW INCLUDES PROBABLE PAVING OF THE FLAME BUCKET.

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3. PAVLOGRAD ROCKET MOTOR ASSEMBLY/TEST SUPPORT FACILITY (48-27-30N 035-57-00E, [REDACTED])

25X1

DNEPROPETROVSK MISSILE DEVELOPMENT PRODUCTION CENTER (48-26-03N 034-58-21E, [REDACTED])

25X1

SAFONOVA PLASTICS AND SUSPECT GM COMPONENTS PLANT (55-05-20N 033-15-00E, [REDACTED])

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HIGHLIGHTS

KH-9 MISSION 1205

AT PAVLOGRAD A SPECIAL THREE-FLATCAR TRAIN WAS OBSERVED FOR THE FIRST TIME [REDACTED] IT IS IDENTICAL TO THOSE SEEN PREVIOUSLY AT DNEPROPETROVSK AND TYURATAM TRANSPORTING AN OBJECT IDENTIFIED AS A LARGE MISSILE AIRFRAME. THE SAME TYPE OF TRAIN WAS ALSO OBSERVED AT DNEPROPETROVSK [REDACTED] IN THE RAILCAR SERVICING AREA OF PLANT 186. IN ADDITION, A POSSIBLE TRAIN OF THIS TYPE WAS OBSERVED AT SAFONOVA [REDACTED]

AN OBJECT, [REDACTED]

[REDACTED] WHICH MAY BE A COMBINATION OF A ROCKET MOTOR AND A LAUNCH CANISTER, HAS BEEN TESTED AT PAVLOGRAD. THIS SUGGESTS THAT THE THREE-CAR TRAIN IS CAPABLE OF TRANSPORTING THE [REDACTED] OBJECT OBSERVED AT PAVLOGRAD AS WELL AS THE OBJECT IDENTIFIED AS A LARGE MISSILE AIRFRAME AT DNEPROPETROVSK AND TYURATAM.

4. SREDNE-BELAYA ARMY BARRACKS AL 1 (50-41-04N 128-02-28E, BE [REDACTED])

TOMICHI ARTY DIV HQ/BKS AL 1 (50-46-20N 128-14-50E, BE [REDACTED])

A TOTAL OF 23 SA-4 CANISTER TRANSPORTERS WAS MISSING FROM TWO INSTALLATIONS IN THE FAR EAST MILITARY DISTRICT [REDACTED] THIS REDUCTION INCLUDES ALL EIGHT OF THE CANISTER TRANSPORTERS SEEN [REDACTED] AT SREDNE-BELAYA AND 15 OF THE 33 CANISTER TRANSPORTERS PRESENT [REDACTED] AT TOMICHI.

SA-4 ACTIVITY [REDACTED] WAS REPORTED (CITE NPIC 4676, [REDACTED]) AT ANTIPINSKOYE SAM FIRING RANGE [REDACTED] WHERE 16 SA-4 CANISTER TRANSPORTERS WERE OBSERVED.

5. BOBRUYSK ARMY BKS WEST AL 1 (53-08-36N 029-09-29E, BE [REDACTED])

ELEMENTS OF AN SA-4 MISSILE BATTALION WERE OBSERVED AT THIS INSTALLATION [REDACTED] EQUIPMENT INCLUDED SIX SA-4 TRANSPORTER-ERECTOR-LAUNCHERS (TELS), THREE SA-4 TRANSLOADERS, THREE PAT HAND RADARS, AND THREE LONG TRACK RADARS. THIS WAS THE FIRST TIME SA-4 EQUIPMENT HAS BEEN OBSERVED AT THIS INSTALLATION IN THE BELORUSSIAN MILITARY DISTRICT.

6. NIKOLAYEV SHIPYARD NOSENKO 444 (46-56-56N 031-58-13E, BE [REDACTED])

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KH-9 MISSION 1205

HIGHLIGHTS

A BARGE-LIKE PROBABLE POP-UP MISSILE TEST PLATFORM WAS UNDER CONSTRUCTION AT NIKOLAYEV SHIPYARD NOSENKO 444. THIS PLATFORM IS USED TO TEST MISSILE SHAPES AND EJECTION SYSTEMS FOR UNDERWATER-LAUNCHED NAVAL MISSILES. IT IS SIMILAR IN APPEARANCE TO ALL OTHER POP-UP TEST DEVICES PREVIOUSLY SEEN AT BALAKLAVA SUBMARINE BASE AND NOSENKO SHIPYARD.

THE PLATFORM WAS UNDER CONSTRUCTION AT THE END OF THE QUAY ALONGSIDE THE BUILDINGWAY WHERE THE 444 AIRCRAFT CARRIER WAS BUILT.

ICBM COMPLEXES

7. SEVENTEEN OF THE 26 COMPLEXES WHERE ICBM MISSILES ARE DEPLOYED WERE AT LEAST PARTIALLY OBSERVED ON PHOTOGRAPHY OF POOR-TO-GOOD INTERPRETABILITY. NO NEW SILO CONSTRUCTION WAS NOTED.

OF THE 25 TYPE IIIF LAUNCH SITES, 10 WERE OBSERVED, FIVE AT THE IMENI GASTELLO ICBM COMPLEX AND FIVE AT THE UZHUR COMPLEX. NO SIGNIFICANT CONSTRUCTION PROGRESS WAS NOTED.

THE DERAZHNYA AND PERVOMAYSK SSM COMPLEXES WERE BOTH OBSERVED ON PHOTOGRAPHY OF POOR-TO-GOOD INTERPRETABILITY. AT PERVOMAYSK, TYPE IIIG LAUNCH GROUP H WAS COMPLETE. AT DERAZHNYA, ALL SITES IN THE IIIG LAUNCH GROUP G WERE COMPLETE WITH THE POSSIBLE EXCEPTION OF LAUNCH SITE 66G. CONSTRUCTION WAS CONTINUING ON THE OTHER TYPE IIIG GROUPS AT BOTH COMPLEXES.

A POSSIBLE ANTENNA MAST WAS OBSERVED AT A TYPE IIIX LAUNCH SITE AT PERVOMAYSK. THE POSSIBLE ANTENNA IS ON THE EAST-SOUTHEAST EDGE OF THE LOADING APRON AT LAUNCH SITE 81H.

HELICOPTER PADS WERE OBSERVED AT TYPE IIIG LAUNCH SITE 76H AT THE PERVOMAYSK SSM COMPLEX AND AT SITE 65G AT THE DERAZHNYA SSM COMPLEX. PREVIOUSLY, HELICOPTER PDS WERE OBSERVED ONLY AT THE TYPE IIID CONTROL SITES AT THESE COMPLEXES.

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HIGHLIGHTS

KH-9 MISSION 1205

TWENTY OF THE 22 SS-11 LAUNCH SITES WHERE EXTENSIVE ACTIVITY WAS REPORTED IN HIGHLIGHT CABLE 9 FOR THIS MISSION WERE OBSERVED. ADDITIONAL TRENCHING WAS OBSERVED WITH AS MANY AS THREE SEPARATE TRENCHES PRESENT AT SOME SITES. ALL 10 LAUNCH SITES IN THE G GROUP AT DROVYANAYA WERE OBSERVED [REDACTED] AND ALL 10 LAUNCH SITES IN THE I GROUP AT SVOBODNYI WERE OBSERVED ON [REDACTED] LAUNCH GROUP E AT THE OLOVYANNAYA COMPLEX, WHERE EXTENSIVE ACTIVITY WAS PREVIOUSLY REPORTED AT TWO SITES, WAS NOT OBSERVED.

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POSSIBLY RELATED ACTIVITY WAS OBSERVED AT TWO OF THE TEN LAUNCH SITES IN THE H GROUP AT DROVYANAYA. THIS ACTIVITY INCLUDED THE PRESENCE OF VEHICLES NEAR THE OPEN SILO AND HEAVY TRACK ACTIVITY. NO TRENCHING WAS DISCERNIBLE.

NO EXTENSIVE ACTIVITY WAS OBSERVED AT ONE SITE OF LAUNCH GROUP D AT OLOVYANNA, THE OLDEST GROUP AT THIS COMPLEX, NOR AT ANY OTHER SS-11 COMPLEX SEARCHED THUS FAR ON 1205-2.

8.

THE IMENI GASTELLO, KARTALY, AND UZHUR SS-9 COMPLEXES WERE PARTIALLY OBSERVED. NO SIGNIFICANT ACTIVITY WAS NOTED. THE OTHER THREE SS-9 COMPLEXES WERE NOT COVERED.

OF THE 13 SS-7 LAUNCH SITES PREVIOUSLY REPORTED IN A REDUCED STATE OF READINESS, ONLY FIVE WERE OBSERVED. THESE SITES, DROVYANAYA 1 AND SVOBODNYI 1-4, SHOWED NO SIGNIFICANT CHANGE [REDACTED] THE NUMBER OF TRUCKS IN THE VEHICLE PARK (LARGE CLEARED AREA) AT SVOBODNYI LAUNCH SITE 3 REMAINED ABOUT THE SAME (APPROXIMATELY 600) AS REPORTED [REDACTED] ALTHOUGH THEY WERE PARKED IN A DIFFERENT PATTERN.

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FORTY OTHER SS-7 SITES AND FIVE SS-8 LAUNCH SITES WERE OBSERVED. TEN SS-7 MISSILES WERE NOTED, INCLUDING ONE ERECTED ON THE RIGHT PAD AT SVOBODNYI LAUNCH SITE 6. THE TOP OF AN SS-8 REENTRY VEHICLE WAS VISIBLE IN THE RIGHT SILO AT KOZELSK LAUNCH SITE 6.

9. THE DROVYANAYA, KOZELSK, SVOBODNYI, AND YEDROVO SS-11 COMPLEXES WERE TOTALLY OBSERVED AND THE GLADKAYA, KOSTROMA, OLOVYANNAYA, AND PERM SS-11 COMPLEXES WERE PARTIALLY OBSERVED. NO ADDITIONAL EXTENSIVE ACTIVITY BEYOND THAT PREVIOUSLY REPORTED AT DROVYANAYA, OLOVYANNAYA, AND SVOBODNYI WAS NOTED AT THESE COMPLEXES.

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HIGHLIGHTS

KH-9 MISSION 1205

THE ITATKA, NOVOSIBIRSK, OMSK, AND YURYA SS-7 COMPLEXES WERE AT LEAST PARTIALLY OBSERVED.

MISSILE TEST CENTERS

10. SARY-SHAGAN MISSILE TEST CENTER (46-11-05N 072-41-30E, BE

25X1

ALL OF THE MAJOR RANGE FACILITIES EXCEPT THE ASAT SPACE-TRACKING FACILITY WERE OBSERVED AT LEAST ONCE ON PHOTOGRAPHY OF POOR-TO-FAIR INTERPRETABILITY. COVERAGE WAS OBTAINED

25X1

AT LAUNCH COMPLEX F, ABM CANISTERS WERE ERECTED VERTICALLY ON THE LAUNCHERS AT POSITIONS 2B AND 2C

25X1

AT LAUNCH COMPLEX B, A GALOSH CANISTER WAS ENGAGED NEARLY VERTICALLY IN THE LAUNCHER AT POSITION C1

25X1

11. KAPUSTIN YAR SAM FIRING RANGE (48-48-28N 045-43-43E, BE

25X1

A NEW RANGE AND AZIMUTH-TYPE RADAR HAS BEEN IDENTIFIED ON THE WESTERN CIRCULAR PAD AT AREA A OF THE ELECTRONICS-RELATED FACILITY. IT WAS IDENTIFIED ON PHOTOGRAPHY OF POOR INTERPRETABILITY. THE RADAR HAS A CUT PARABOLIC ANTENNA WITH A FEED

25X1

25X1

IN FRONT OF IT. ELEVEN ASSOCIATED VEHICLES WERE PARKED ON PREPARED POSITIONS ADJACENT TO THE RADAR PAD. AN UNIDENTIFIED OBJECT WAS ON THE EASTERN CIRCULAR PAD AND 12 ADDITIONAL VEHICLES WERE PARKED ON PREPARED ADJACENT POSITIONS.

25X1

12. TYURATAM MISSILE TEST CENTER (45-56-37N 063-27-55E, BE

25X1

THE TYURATAM MISSILE TEST CENTER WAS PARTIALLY OBSERVED ON

25X1

AT LAUNCH SITE G3-G4 THE GANTRIES WERE FORWARD ON BOTH PADS. SHADOWS INDICATE THAT A LAUNCH VEHICLE WAS IN THE GANTRY AT G3.

AT LAUNCH SITE L1 A CANISTER WAS VISIBLE IN THE OPEN SILO AND EQUIPMENT WAS OBSERVED ON THE SILO APRON. AT LAUNCH SITE

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HIGHLIGHTS

KH-9 MISSION 1205

L6 THREE OR FOUR VEHICLES OR PIECES OF EQUIPMENT WERE PARKED JUST OFF THE SILO APRON.

AT LAUNCH SITE S1 A LIGHT-TONED OBJECT WAS OBSERVED ADJACENT TO THE OPEN SILO.

APPROXIMATELY EIGHT VEHICLES OR PIECES OF EQUIPMENT WERE ON THE SILO APRON AT LAUNCH SITE S7.

13. KAPUSTIN YAR/VLADIMIROVKA MISSILE TEST CENTER (48-41-07N 045-58-53E, [REDACTED])

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THE KAPUSTIN YAR/VLADIMIROVKA MISSILE TEST CENTER WAS TOTALLY OBSERVED, PARTLY ON 29 MARCH AND THE REMAINDER [REDACTED]

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LAUNCH SITE 7C AND THE RECONSTRUCTION OF THE SOUTHERN PAD AT LAUNCH SITE 5C ARE NOW COMPLETE. A TRANSPORTER HAVING THE GENERAL CONFIGURATION AND DIMENSIONS OF AN SS-7 TRANSPORTER WAS PARKED AT THE SOUTHERN LAUNCH PAD OF LAUNCH SITE 5C [REDACTED]

25X1

THE TRANSPORTER [REDACTED] SRBM FIELD EXERCISES WERE IN PROGRESS IN THE SRBM TRAINING AREA AND WEST OF LAUNCH COMPLEX B. A POSSIBLE MISSILE ON A TRANSPORTER WAS OBSERVED IN THE MISSILE RECEIVING AND CHECKOUT FACILITY [REDACTED]

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14. PLESETSK MISSILE AND SPACE CENTER (62-57-46N 040-23-46E, BE [REDACTED])

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THE PLESETSK MISSILE AND SPACE CENTER WAS TOTALLY OBSERVED [REDACTED] THE MISSILE ERECTED ON THE EASTERN PAD OF LAUNCH SITE 4 [REDACTED] WAS NO LONGER PRESENT. NO OTHER SIGNIFICANT ACTIVITY WAS OBSERVED.

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THE NETTING WHICH WAS OVER THE PAD EXTENSION AT LAUNCH SITE 16 [REDACTED] HAD BEEN REMOVED [REDACTED] THE PAD EXTENSION WAS SNOW COVERED AND NO ACTIVITY WAS OBSERVED. SNOW HAD BEEN PARTIALLY REMOVED FROM THE SITE ACCESS ROAD AND HAD MELTED FROM THE ROOF OF THE SITE SUPPORT BUILDING.

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AT LAUNCH SITE 21 [REDACTED] SNOW HAD MELTED FROM ABOUT 50 PERCENT OF THE ROOF OF THE ENVIRONMENTAL SHELTER WHICH COVERS THE EASTERN LAUNCH PAD. THE AREA WHERE NETTING HAD BEEN OBSERVED LYING ON THE GROUND ADJACENT TO THE PAD [REDACTED]

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- IPIR 07

HIGHLIGHTS

KH-9 MISSION 1205

[REDACTED] WAS SNOW COVERED. SNOW COVERED THE NETTING/CANVAS-COVERED STRUCTURE AT THE EASTERN ENTRANCE TO THE SITE CONTROL BUNKER. NO SNOW WAS APPARENT ON THE NETTING/CANVAS-COVERED STRUCTURE AT THE WESTERN ENTRANCE. THE SITE ACCESS ROAD LEADING INTO AND PAST THE WESTERN LAUNCH PAD HAD BEEN PARTIALLY CLEARED OF SNOW. VEHICLE TRACKS AND SNOW REMOVAL ENDED AT THE NORTHERN SIDE OF THE ENVIRONMENTAL SHELTER, WHICH BLOCKS ANY FURTHER VEHICLE MOVEMENT. AN AREA BETWEEN THE TWO LAUNCH PADS HAD ALSO BEEN CLEARED OF SNOW.

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ABM ACTIVITY

15. ALL OF THE MOSCOW ABM FACILITIES WERE OBSERVED AT LEAST ONCE ON A PARTIAL SHIPMENT OF PHOTOGRAPHY OF POOR-TO-FAIR INTERPRETABILITY. THE COVERAGE WAS OBTAINED [REDACTED]

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[REDACTED] HOWEVER, NOT ALL OF THE FACILITIES WERE SEEN ON THE SAME DATE, PRECLUDING A MEANINGFUL COUNT OF ABM CANISTERS.

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AT COMPLEX E21 THE 25-METER- (82-FOOT-) DIAMETER DISH HAD BEEN PLACED ATOP ANTENNA BUILDING 1, BRINGING TO TWO THE NUMBER OF INSTALLED ANTENNAS AT THIS COMPLEX. AT COMPLEX E15 NEW UNIDENTIFIED GROUND SCARRING WAS OBSERVED JUST SOUTHEAST OF THE PREVIOUSLY REPORTED LARGE EXCAVATION.

SAM ACTIVITY

16. ASHULUK SAM FIRING RANGE (47-26-20N 048-02-30E, BE [REDACTED])

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SAM EQUIPMENT HAS BEEN IDENTIFIED WITHIN A SECURED RAILROAD TRANSSHIPMENT AREA SERVICING ASHULUK SAM FIRING RANGE [REDACTED] THE TRANSSHIPMENT AREA IS AT 47-19-42N 047-24-50E, 1 NM NORTHEAST OF ASHULUK AND 27 NM WEST OF THE RANGEHEAD.

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MISSILE EQUIPMENT OBSERVED INCLUDED 14 SA-1 MISSILES, 18 SA-1 MISSILE TRANSPORTERS, AND EIGHT SA-1 MISSILE-HANDLING DOLLIES. ONE SA-3 MISSILE TRANSPORTER AND TWO PROBABLE SA-2 MISSILE TRANSPORTERS WERE JUST OUTSIDE THE SECURITY FENCE.

17. POLOTSK SAM COMPLEX A03-5 (55-37-18N 028-54-23E, BE [REDACTED])

25X1

A NEW TWO-LAUNCH-POSITION SA-5 COMPLEX WAS OBSERVED [REDACTED] APPROXIMATELY 8.6 NM NORTH-NORTHEAST OF POLOTSK, IN THE WESTERN AIR DEFENSE DISTRICT. THE LAUNCH SITES AND TRACKING

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HIGHLIGHTS

KH-9 MISSION 1205

AND GUIDANCE RADAR MOUNDS WERE IN THE MIDSTAGES OF CONSTRUCTION. THE MISSILE HANDLING AND SUPPORT FACILITY WAS IN THE EARLY STAGES OF CONSTRUCTION.

25X1

AIR ACTIVITY

18. RAMENSKOYE FLIGHT TEST CENTER (55-34-21N 038-09-23E, BE

25X1

A RAM-H WAS PARKED ON ITS HARDSTAND LIMITED INTERPRETABILITY DUE TO OBLIQUITY AND HAZE PRECLUDED IDENTIFICATION OF ANY NEW DETAILS. THE RAM-H WAS NOT OBSERVED ON PHOTOGRAPHY. THREE BACKFIRE WERE SEEN IN THE TUPOLEV AREA THROUGH PARTIAL CLOUD COVER. FOUR BACKFIRE WERE SEEN IN THE SAME AREA. INCLUDED ONE RAM-F, ONE PROBABLE RAM-F, ONE POSSIBLE RAM-G, ONE MODIFIED CHARGER, AND TWO CANDID; TWO RAM-F, ONE RAM-E, ONE MODIFIED CHARGER, AND TWO CANDID; ONE PROBABLE RAM-F AND TWO MODIFIED CHARGER.

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19. AKHTUBINSK FLIGHT TEST CENTER (48-17-53N 046-11-22E, BE

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ONE BACKFIRE A, ONE BACKFIRE A MOD 2, ONE RAM F, AND TWO RAM G WERE OBSERVED AT THE TEST CENTER. ONE BACKFIRE A, TWO BACKFIRE A MOD 2, ONE RAM F, AND ONE RAM G WERE OBSERVED.

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20. MUKACHEVO AIRFIELD (48-24-00N 022-41-14E,

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FOUR AIR DEFENSE MODIFIED BRDM-2 AND FOUR ZSU-23/4 WERE IN THE AAA SITE AT THE NORTHERN END OF THE AIRFIELD. THIS IS ONE-FOURTH THE NUMBER OF MODIFIED BRDM-2 AND ZSU-23/4 OBSERVED. THE SA-6 EQUIPMENT OBSERVED WAS NO LONGER PRESENT. MUKACHEVO IS A TACTICAL AVIATION AIRFIELD IN THE CARPATHIAN MILITARY DISTRICT AND IS APPROXIMATELY 11.5 NM FROM THE USSR/HUNGARY BORDER.

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21. ROSTOV AIRFIELD NORTHWEST (47-16-46N 039-38-12E, BE

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HIGHLIGHTS

25X1

KH-9 MISSION 1205

A HIGH COUNT OF 21 FOXBAT WAS OBSERVED AT THIS AIRFIELD ON
EIGHTEEN FOXBAT WERE SEEN HERE
ROSTOV AIRFIELD NORTHWEST IS IN THE BAKU AIR
DEFENSE DISTRICT.

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22. ZHDANOV AIRFIELD WEST (47-04-21N 037-26-52E,

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TWELVE AN-12 CUB AIRCRAFT WERE OBSERVED
AIRCRAFT HAVE NOT BEEN IDENTIFIED AT THIS AIRFIELD BEFORE.
ZHDANOV AIRFIELD WEST IS IN THE SOUTHWESTERN AIR DEFENSE
DISTRICT.

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23. NOVOSIBIRSK/TOLMACHEVO AIRFIELD (55-00-46N 082-38-54E, BE

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FLOGGER WERE IDENTIFIED FOR THE FIRST TIME AT
NOVOSIBIRSK/TOLMACHEVO AIRFIELD IN THE TRANS-SIBERIAN ADD
FIVE FLOGGER WERE OBSERVED ON A TRANSIT PARKING APRON
IN THE CIVIL PORTION OF THE AIRFIELD. A FUEL TRUCK AND SEVERAL
SMALL VEHICLES WERE PARKED WITH THE AIRCRAFT.

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24. STARO-KONSTANTINOV AF (49-44-53N 027-16-19E,

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25X1

TWENTY-SIX FLOGGER WERE OBSERVED AT THIS AIRFIELD

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ONLY FOUR FLOGGER WERE SEEN HERE

25X1

25X1

25. DOMNA AIRFIELD (51-54-55N 113-07-10E,

25X1

25X1

SEVENTY-TWO FISHBED WERE OBSERVED HERE
HIGHEST NUMBER OF FISHBED REVIOUSLY OBSERVED WAS 47
DOMNA AIRFIELD IS A TACTICAL AVIATION
AIRFIELD IN THE TRANSBAIKAL MILITARY DISTRICT, APPROXIMATELY
185 NM FROM THE USSR-MONGOLIA-CHINA BORDER.

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26. KRIVVOY ROG AIRFIELD EAST (47-53-17N 033-32-15E, BE

25X1

37 CUB TRANSPORT AIRCRAFT WERE OBSERVED. THE
NORMAL COMPLEMENT OF CUB SEEN AT THIS AIRFIELD IS 60.

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HIGHLIGHTS

KH-9 MISSION 1205

25X1

NAVAL ACTIVITY

28.

LAUNCH PREPARATIONS FOR THE THIRD D SSBN REMAINED IN PLACE ON LAUNCH RAIL B AT SEVERODVINSK SHIPYARD 402 [REDACTED] ONE D SSBN, FIVE Y SSBN, THE H-III SSBN, AND THE P SSGN WERE ALSO OBSERVED IN THE COMPLEX.

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A D SSBN WAS OBSERVED [REDACTED] AT THE OFFSHORE WHARF AT SAYDA GUBA NAVAL BASE SOUTHWEST. IT WAS BERTHED OUTBOARD A DON AS. THIS IS THE FIRST OBSERVATION OF A D SSBN AT ANY LOCATION OTHER THAN SEVERODVINSK. TEN Y SSBN AND TWO H-II SSBN WERE AT SAYDA GUBA SUBMARINE BASE [REDACTED] TWO ADDITIONAL Y SSBN WERE SEEN IN FLOATING DRYDOCKS, ONE AT PALA GUBA NAVAL BASE AND SHIP REPAIR YARD AND ONE AT CHALMPUSHKA SHIP REPAIR YARD.

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25X1

CONSTRUCTION WAS CONTINUING ON THE NEW TRANSPORTER DOCK AT KOMSOMOLSK SHIPYARD AMUR 199 [REDACTED] THE THREE SECTIONS

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HIGHLIGHTS

KH-9 MISSION 1205

OBSERVED [REDACTED] HAVE BEEN ASSEMBLED. THE LAUNCH BASIN WAS ICE FREE.

THE AIRCRAFT CARRIER REMAINED IN THE FITTING-OUT BASIN AT NIKOLAYEV SHIPYARD NOSENKO 444 [REDACTED] WITH NO VISIBLE MAJOR CHANGES [REDACTED] NO CHANGES WERE DISCERNIBLE ON THE BOTTOM PLATE SECTION ON BUILDINGWAY 5. AN UNIDENTIFIED VESSEL WAS UNDER CONSTRUCTION AT THE FOOT OF THE BUILDINGWAY.

29. THE NEW CRANE SHIP AMGA (BUILT AT GORKIY SHIPYARD 112) WAS OBSERVED FOR THE FIRST TIME IN THE NORTHERN FLEET AT SEVEROMORSK NAVAL BASE [REDACTED]

TWO Y SSBN WERE OBSERVED IN THE PACIFIC FLEET [REDACTED] ONE AT PETROVKA NAVAL BASE AND SHIPYARD AND ONE UNDERWAY NEAR STRELOK STRAIT SUBMARINE BASE PAVLOVSKOGO. BOTH HAD DARK-TONED SONAR ARRAYS. THE BROKEN-UP DUMMY Y SSBN REMAINED AT STRELOK STRAIT.

THE 112F SUBMARINE WAS OBSERVED AT SEVASTOPOL NAVAL BASE ON [REDACTED]

NO NEW SUBMARINES WERE OBSERVED AT GORKIY SHIPYARD 112 ON CLEAR PHOTOGRAPHY OF GOOD INTERPRETABILITY.

SOVIET PACIFIC FLEET BASES AROUND PETROPAVLOVSK WERE OBSCURED BY HEAVY HAZE.

ELECTRONICS ACTIVITY

30. CHERVONOZNAMENKA U/I CC FAC/BNK (47-10-30N 030-20-00E, BE [REDACTED])

AN UNIDENTIFIED COMMAND AND CONTROL FACILITY/BUNKER WAS IDENTIFIED [REDACTED] THE BUNKER WAS IN THE EARLY STAGE OF CONSTRUCTION AND NO ANTENNAS WERE IDENTIFIED. THIS FACILITY IS PROBABLY ASSOCIATED WITH BETSILOVO UNIDENTIFIED HARD COMMAND AND CONTROL BUNKER [REDACTED] APPROXIMATELY 11.6 NM SOUTH-SOUTHWEST.

31. KIYEV PROB OHD TRANSMITTER FAC UCON (51-37-50N 030-42-00E, [REDACTED])

TOP SECRET RUFF

TOP SECRET RUFF

HIGHLIGHTS

IPIR 07
KH-9 MISSION 1205

KIYEV PROB OHD RECEIVER FAC UCON (51-18-45N 030-03-40E, BE

PROBABLE OVER-THE-HORIZON DETECTION TRANSMITTER AND
RECEIVER FACILITIES WERE IDENTIFIED IN THE EARLY STAGE OF
CONSTRUCTION

THE TRANSMITTER FACILITY IS APPROXIMATELY 71 NM NNE OF
KIYEV AND HAS AN APPROXIMATE BORESIGHT AZIMUTH
THE RECEIVER FACILITY IS APPROXIMATELY 55 NM NNW OF KIYEV AND
ALSO HAS AN APPROXIMATE BORESIGHT AZIMUTH THE
TRANSMITTER AND RECEIVER ARE APPROXIMATELY 31 NM APART.

CONSTRUCTION ACTIVITY INCLUDES FOOTINGS FOR THE CONTROL
BUILDINGS, EXCAVATIONS FOR ANTENNA BASES, AND HEAVY TRACKED
CONSTRUCTION CRANES. ONE CRANE WAS BEING ASSEMBLED. DETAILED
ANALYSIS CONTINUES.

32. KODYMA SUS MILITARY INST (48-05-50N 029-08-15E, BE

COMPONENTS OF THE TWIN PLATE TROPOSCATTER ANTENNA SYSTEM
WERE NEWLY IDENTIFIED AT THIS INSTALLATION IN THE
CARPATHIAN MILITARY DISTRICT. COMMUNICATIONS EQUIPMENT
OBSERVED INCLUDED 24 ANTENNA-MAST CARRIERS WITH SUPPORT
VEHICLES.

GROUND FORCE ACTIVITY

33. KAUNAS ARMY BKS KIPRO AL 8 (54-54-34N 023-56-10E, BE

TWO POSSIBLE AIR DEFENSE MODIFIED BRDM-2 WERE IDENTIFIED AT
THIS INSTALLATION IN THE BALTIC MILITARY DISTRICT ON 15 MARCH.
THIS WAS THE FIRST IDENTIFICATION OF THIS MILITARY VEHICLE AT
AN AIRBORNE-ASSOCIATED INSTALLATION.

34. NIZHNEUDINSK MTR R DIV HQ 1 BKS AL 1 (54-54-55N 099-03-55E, BE

TOP SECRET RUFF

TOP SECRET RUFF

25X1

25X1

[REDACTED] - IPIR 07
KH-9 MISSION 1205

HIGHLIGHTS

ONE-HUNDRED FOURTEEN MEDIUM TANKS WERE OBSERVED WITHIN THE
NEW TANK PARK AT THIS INSTALLATION [REDACTED] THIRTY-NINE
TANKS WERE PRESENT IN THE PARK [REDACTED]

25X1

25X1

LOGISTICS ACTIVITY

35. ZABAYKALSK RR TRANSLOADING YARD (49-38-41N 117-19-24E, BE

25X1

[REDACTED]
ULAN-UDE RR STATION CLF YARDS A SHOPS (51-50-42N
107-34-30E, [REDACTED]

25X1

PODGRANICHNYY RR TRNSLDG YD GRODEKOVO 2 (44-22-24N
131-26-20E, [REDACTED]

25X1

THE RAIL YARDS AT ULAN-UDE AND ZABAYKALSK WERE COVERED ON
CLEAR PHOTOGRAPHY [REDACTED] RESPECTIVELY. ALTHOUGH
NO UNUSUAL ACTIVITY WAS OBSERVED AT THESE RAIL YARDS, THE
AMOUNT OF ROLLING STOCK HAD INCREASED FROM 182 PIECES AT
ZABAYKALSK [REDACTED] TO 281, AND FROM
APPROXIMATELY 550 PIECES AT ULAN-UDE [REDACTED]
[REDACTED] TO APPROXIMATELY 815. NO UNUSUAL ACTIVITY WAS NOTED ON
THE RAIL SEGMENTS CONNECTING ULAN-UDE AND ZABAYKALSK.
APPROXIMATELY 25 PERCENT OF THE SEGMENTS WAS COVERED ON CLEAR
PHOTOGRAPHY.

25X1

25X1

25X1

25X1

THE YARD AT PODGRANICHNYY WAS CLOUD COVERED [REDACTED]

25X1

36. NIKOLAYEV PORT FACILITIES SOUTH (46-49-55N 031-57-02E, BE

25X1

DEFENSIVE MISSILE EQUIPMENT, AIRCRAFT SHIPPING CRATES, AND
GROUND FORCE WEAPONS WERE IDENTIFIED AT THIS BLACK SEA PORT ON
[REDACTED] THIS EQUIPMENT CONSISTED OF APPROXIMATELY 35 SA-2
CANISTERS, APPROXIMATELY 165 SA-3 CANISTERS, 12 SA-2 LAUNCHERS,
67 SA-2 MISSILE TRANSPORTERS, NINE FISHBED D FUSELAGE SHIPPING
CRATES, 16 AIRCRAFT SHIPPING CRATES, 27 PROBABLE
AIRCRAFT-ASSOCIATED SHIPPING CRATES, 16 POSSIBLE TANKS, NINE
PROBABLE BMP, FIVE PROBABLE BTR-60PB, 27 POSSIBLE BRDM, EIGHT
130MM FIELD GUNS, AND 29 POSSIBLE 122MM FIELD GUNS (D-30).

25X1

USSR/CHINA BORDER

AIR ACTIVITY

37. CHERNIGOVKA AIRFIELD (44-19-12N 132-33-10E, [REDACTED]

25X1

25X1

25X1

TOP SECRET RUFF

- IPIR 07
KH-9 MISSION 1205

HIGHLIGHTS

FIFTY HIND A HELICOPTERS WERE OBSERVED [REDACTED] AT THIS AIRFIELD APPROXIMATELY 45 NM FROM THE USSR-CHINA BORDER. THIS WAS AN INCREASE OF 18 HIND A SINCE [REDACTED] WHEN 32 WERE OBSERVED. CHERNIGOVKA AIRFIELD IS A FRONTAL (TACTICAL) AVIATION AIRFIELD IN THE FAR EAST MILITARY DISTRICT.

CHINA

MISSILE ACTIVITY

MISSILE TEST CENTERS

38. SHUANG-CHENG-TZU MISSILE TEST CENTER (41-08-00N 100-15-00E, [REDACTED])

THE ENTIRE MISSILE TEST CENTER WAS COVERED [REDACTED] THE LAUNCH COMPLEX, MAIN SUPPORT BASE, AND OPERATIONAL SUPPORT AREAS WERE COVERED [REDACTED]

THE TEN ELECTRONICS VANS AT PAD A2, THE TWO ELECTRONICS VANS AT TRACKING FACILITY 11, AND THE TWO CRYOGEN TRAILERS AT COMPLEX B REPORTED PRESENT [REDACTED] WERE STILL PRESENT. [REDACTED] THREE ELECTRONICS VANS HAD BEEN POSITIONED AT LAUNCH COMPLEX C AND ON BOTH OF THOSE DATES PLACARDS WERE PRESENT AT COMPLEX B. SUCH ITEMS AS THESE HAVE PREVIOUSLY BEEN ASSOCIATED WITH MISSILE EXERCISES.

[REDACTED] THE FIRST- AND SECOND-STAGE SCT-1 TRANSPORTERS WERE PARKED AT PAD B2. THE FIRST-STAGE TRANSPORTER WAS EMPTY BUT A CYLINDRICAL OBJECT APPROXIMATELY 10 FEET IN DIAMETER AND APPROXIMATELY [REDACTED] WAS ON ONE END OF THE SECOND-STAGE TRANSPORTER.

[REDACTED] BOTH EMPTY FIRST- AND SECOND-STAGE TRANSPORTERS WERE PARKED AT PAD B1.

ON BOTH DAYS THE GANTRY WAS OVER THE LAUNCH APERTURE, OBSCURING ANY ACTIVITY BENEATH IT AT THE LAUNCH STAND.

39. WU-CHAI MISSILE TEST COMPLEX (38-49-50N 111-36-20E, BE [REDACTED])

THE ENTIRE TEST CENTER WAS OBSERVED [REDACTED] NO MISSILE ACTIVITY WAS OBSERVED AT LAUNCH SITE A AND CONSTRUCTION

TOP SECRET RUFF

TOP SECRET RUFF

25X1

25X1

25X1

[REDACTED] IPIR 07
KH-9 MISSION 1205

HIGHLIGHTS

HAD CONTINUED AT LAUNCH SITES B AND C BUT NO SIGNIFICANT CHANGES WERE APPARENT.

SSM ACTIVITY

40. SUN-TIEN SSM COMPLEX (33-47-50N 111-59-28E, [REDACTED])

25X1

25X1

25X1

THE ENTIRE COMPLEX WAS OBSERVED [REDACTED] THE SILO APERTURE WAS OPEN AND A SILO DOOR WAS UNDER CONSTRUCTION IN THE RECESS JUST WEST OF THE APERTURE. AN ENVIRONMENTAL COVER WAS ON THE APRON JUST EAST OF THE SILO.

NO SIGNIFICANT CHANGES WERE OBSERVED IN THE CONSTRUCTION AT LAUNCH SITE 2.

41. LIEN-KENG-WANG SSM COMPLEX (30-09-16N 117-39-13E, BE [REDACTED])

25X1

25X1

THE ENTIRE COMPLEX WAS OBSERVED [REDACTED] A COMPLETED LAUNCH SITE, DESIGNATED LAUNCH SITE 17, IS NEWLY IDENTIFIED AT 29-54-40N 117-14-45E APPROXIMATELY 21.5 NM WEST-SOUTHWEST OF LAUNCH SITE 4 AND 5.0 NM NORTHWEST OF POSSIBLE LAUNCH SITE 15. THE NEWLY IDENTIFIED SITE WAS NOT PRESENT IN DECEMBER 70 (KH [REDACTED])

25X1

SEVEN OTHER LAUNCH SITES, DESIGNATED 18 THROUGH 24, HAVE BEEN NEWLY IDENTIFIED AT THE SOUTHERN END OF THE COMPLEX. LAUNCH SITES 19, 20, 23, AND 24 ARE DESIGNATED POSSIBLE LAUNCH SITES, SITES 18 AND 22 ARE DESIGNATED PROBABLE LAUNCH SITES, AND LAUNCH SITE 21 CAN BE CONFIRMED. THESE SITES WERE PREVIOUSLY REPORTED AS UNIDENTIFIED ACTIVITY. WITH THE EXCEPTION OF LAUNCH SITE 23 NONE OF THESE NEWLY IDENTIFIED SITES WERE PRESENT IN DECEMBER 70 [REDACTED] A NEGATION DATE FOR SITE 23 HAS NOT YET BEEN ESTABLISHED.

25X1

IN ADDITION TO IDENTIFYING THESE NEW SITES, IT ALSO HAS BEEN POSSIBLE TO CONFIRM THE IDENTIFICATION OF LAUNCH SITE 14, PREVIOUSLY CARRIED AS A PROBABLE LAUNCH SITE.

GEOGRAPHIC COORDINATES OF THE NEWLY IDENTIFIED SITES ARE AS FOLLOWS:

PROBABLE LAUNCH SITE 18 29-46-40N 117-13-10E

25X1

TOP SECRET RUFF

TOP SECRET RUFF

25X1

25X1

25X1

IPIR 07

HIGHLIGHTS

KH-9 MISSION 1205

POSSIBLE LAUNCH SITE 19 29-46-00N 117-15-30E

POSSIBLE LAUNCH SITE 20 29-42-30N 117-12-55E

LAUNCH SITE 21 29-42-30N 117-06-00E

PROBABLE LAUNCH SITE 22 29-35-10N 117-12-10E

POSSIBLE LAUNCH SITE 23 29-52-40N 117-35-45E

POSSIBLE LAUNCH SITE 24 29-59-15N 117-30-55E

42. TENG-SHA-HO SSM SUPPORT FACILITY (39-13-41N 122-03-17E, BE

25X1

NEARLY ALL OF THE EQUIPMENT FOR A CSS-1 LAUNCH UNIT WAS
OBSERVED IN AN OPEN PARKING AREA ON PHOTOGRAPHY OF FAIR
INTERPRETABILITY

25X1

EQUIPMENT OBSERVED INCLUDED ONE EMPTY CSS-1
TRANSPORTER-ERECTOR, ONE A-FRAME CRANE, FOUR CRYOGEN TRAILERS,
44 TRUCKS, AND NINE SMALL TRAILERS. THE EQUIPMENT WAS PARKED
IN ORDERLY ROWS WITH NO ATTEMPT AT CAMOUFLAGE.

25X1

CZECHOSLOVAKIA

MISSILE ACTIVITY

TOP SECRET RUFF

25X1

TOP SECRET RUFF

25X1

25X1

25X1

- IPIR 07

HIGHLIGHTS

KH-9 MISSION 1205

44. DUBNICA NAD VAHOM ARM A MCH A GM PLT (48-56-45N 018-12-10E,

25X1

THE FIRST ROCKET MOTOR TEST FACILITY IN AN EASTERN EUROPE COUNTRY HAS BEEN IDENTIFIED IN CZECHOSLOVAKIA ON PHOTOGRAPHY OF THE FACILITY IS 0.5 NM EAST OF THE HEAVY EQUIPMENT FABRICATION PLANT AND CONSISTS OF A TWO-BAY VENTED HORIZONTAL TEST BUILDING WITH A CONCRETE BLAST APRON AND AN EARTHEN BARRICADE.

25X1

25X1

25X1

HUNGARY

GROUND FORCE ACTIVITY

45. SARMELLEK AIRFIELD (46-41-23N 017-09-33E,

25X1

25X1

THREE CANVAS-COVERED PROBABLE AIR DEFENSE MODIFIED BRDM-2 AND FOUR POSSIBLE AIR DEFENSE MODIFIED BRDM-2 WERE PARKED NEXT TO THE AAA SITE ON THE WEST-SOUTHWEST SIDE OF THE AIRFIELD. THIS TYPE OF VEHICLE HAS NOT BEEN PREVIOUSLY IDENTIFIED IN HUNGARY ON KH PHOTOGRAPHY. IN ADDITION, THREE CANVAS-COVERED ZSU-23-4, EIGHT PROBABLE ZSU-23-4, THREE BTR-60, AND 17 OTHER VEHICLES WERE NEAR THE AAA SITE.

MONGOLIA

LOGISTICS ACTIVITY

46. SEBHUULIIN NUUR RAIL YARD (43-44-20N 111-54-20E, BE

25X1

ONE HUNDRED AND TEN PIECES OF ROLLING STOCK WERE OBSERVED ADJACENT TO THE SEBHUULIIN NUUR RAILROAD STATION THIS IS THE HIGHEST NUMBER OF RAILCARS OBSERVED AT THIS FACILITY. THE PREVIOUS HIGH COUNT WAS 15 RAILCARS OBSERVED ON

25X1

25X1

THE FACILITY IS ALONG THE TRANS-MONGOLIAN RAILROAD, 6 NM FROM ER-LEIN CHINA AND 2 NM FROM THE MONGOLIA/CHINA BORDER.

NORTH VIETNAM

TOP SECRET RUFF

25X1

TOP SECRET RUFF

-25X1

25X1

25X1

IPIR 07

HIGHLIGHTS

KH-9 MISSION 1205

47.

OF THE SEVEN OPERATIONS OVER NORTH VIETNAM, FOUR WERE RECEIVED. THE NORTH VIETNAMESE COVERAGE ON OPERATIONS 138, 150, 209 AND 238 WERE SCANNED. THE SOUTHERN 20 FRAMES OF OPERATION 250 COVERING PORTIONS OF SOUTH VIETNAM AND LAOS WAS ALSO RECEIVED. THE NORTHERN 50 FRAMES OF OPERATION 250 OVER NORTH VIETNAM WERE NOT RECEIVED. OPERATIONS 138 AND 238 COVERING THE NORTH VIETNAM/LAOS/CHINA BORDER AREA WERE MOSTLY CLEAR. OPERATION 209 IN THE SOUTHERN PANHANDLE WAS CLEAR ALONG THE COAST WITH SCATTERED CLOUDS AND HAZE OVER THE INLAND MOUNTAIN AREAS. OPERATION 150, WHICH COVERED THE CENTRAL PORTIONS OF NORTH VIETNAM FROM DONG DANG TO THE DMZ, WAS 90 PERCENT CLOUD COVERED. PORTIONS OF THE NORTH-NORTHWESTERN AREAS OF NORTH VIETNAM WERE SEEN THROUGH SCATTERED-TO-HEAVY CLOUDS ON THIS OPERATION. THE REMAINDER OF THE OPERATION WAS CLOUD COVERED INCLUDING THE DONG DANG, HANOI, HAIPHONG, THANH HOA, AND VINH COMPLEXES.

48. THE REMAINING THREE (OPERATIONS 194, 208, AND 250) OF SEVEN OPERATIONS OVER NORTH VIETNAM WERE RECEIVED AND SCANNED. OPERATION 194, [REDACTED] COVERING THE WESTERN HALF OF THE CONTRY WAS CLOUDCOVERED IN THE NORTH WITH SCATTERED CLOUDS IN THE BARTHELEMY PASS AREA. OPERATION 208, [REDACTED] COVERING THE NORTHEAST PORTION OF THE COUNTRY WAS CLOUD COVERED. OPERATION 250, [REDACTED] COVERING THE CENTRAL AND EASTERN AREAS OF NORTH VIETNAM FROM CHINA THROUGH THE DMZ WAS OF POOR INTERPRETABILITY WITH HEAVY CLOUDS AND HEAVY HAZE. NO GROUND DETAIL WAS DISCERNIBLE IN THE CLOUD-FREE AREAS AROUND THE DONG DANG AND HANOI COMPLEXES DUE TO HEAVY HAZE. THE HAIPHONG AND VINH COMPLEXES WERE CLOUD COVERED. THE THANH HOA COMPLEX WAS OBSERVED THROUGH HAZE.

25X1

25X1

25X1

MISSILE ACTIVITY

SAM ACTIVITY

49. HANOI SAM SITE A10-2 (VN 14) (21-01-13N 105-58-49E, BE
[REDACTED]
HANOI SAM SITE C06A-2 (VN 78) (21-15-33N 106-16-45E, BE
[REDACTED]
HANOI SAM SITE B36-2 (VN 255) (21-13-17N 105-50-13E, BE
[REDACTED]
HANOI SAM SITE A06-2 (VN 347) (21-05-22N 105-58-03E, BE
[REDACTED]

25X1

25X1

25X1

25X1

25X1

TOP SECRET RUFF

TOP SECRET RUFF

25X1

25X1

25X1

IPIR 07

HIGHLIGHTS

KH-9 MISSION 1205

HAIPHONG SAM SITE B01A-2 (VN 121) (21-02-07N 106-42-19E, BE

25X1

THANH HOA SAM SITE A31-2 (VN 404) (19-51-40N 150-40-50E, BE

25X1

THE FOLLOWING SA-2 SAM SITES WERE OCCUPIED

25X1

HANOI SAM SITE A10-2 (VN 14) WAS OCCUPIED BY THREE PROBABLE MISSILES ON LAUNCHERS AND ONE PROBABLE FAN SONG RADAR.

HANOI SAM SITE C06A-2 (VN 78) WAS OCCUPIED BY FOUR PROBABLE MISSILES ON LAUNCHERS, ONE POSSIBLE MISSILE ON A LAUNCHER, AND A POSSIBLE FAN SONG RADAR.

HANOI SAM SITE B36-2 (VN 255) WAS OCCUPIED BY SIX MISSILES ON LAUNCHERS AND ONE PROBABLE FAN SONG RADAR.

HANOI SAM SITE A06-2 (VN 347) WAS OCCUPIED BY FIVE PROBABLE MISSILES ON LAUNCHERS AND ONE PROBABLE FAN SONG RADAR.

HAIPHONG SAM SITE B01A-2 (VN 121) WAS OCCUPIED BY FOUR MISSILES ON LAUNCHERS AND ONE PROBABLE FAN SONG RADAR.

THANH HOA SAM SITE A31-2 (VN 404) WAS OCCUPIED BY FOUR MISSILES ON LAUNCHERS, ONE PROBABLE FAN SONG RADAR, AND ONE MISSILE TRANSPORTER.

AIR ACTIVITY

50. YEN BAI AIRFIELD (21-43-46N 104-51-33E,

25X1

DIEN BIEN PHU AIRFIELD (21-23-40N 103-00-38E, BE

25X1

KHE PHAT AIRFIELD (17-39-20N 106-12-55E,

25X1

DONG HOI AIRFIELD (17-30-38N 106-35-46E,

25X1

25X1

FOUR AIRFIELDS WERE OBSERVED ON FAIR-TO-GOOD PHOTOGRAPHY.

YEN BAI AIRFIELD WAS OPERATIONAL. SIXTEEN FARMER AND SEVENTEEN FAGOT/FRESCO (ONE DERELICT) WERE OBSERVED IN THE CLOUD-FREE AREAS

25X1

DIEN BIEN PHU AIRFIELD WAS OPERATIONAL FOR LIGHT AIRCRAFT.

TOP SECRET RUFF

25X1

[REDACTED]

[REDACTED]

[REDACTED]

25X1

25X1

[REDACTED]

- IPIR 07

HIGHLIGHTS

KH-9 MISSION 1205

NO AOB WAS DISCERNIBLE [REDACTED]

25X1

KHE PHAT AIRFIELD WAS OPERATIONAL
DISCERNIBLE.

[REDACTED]

NO AOB WAS

25X1

DONG HOI AIRFIELD WAS OPERATIONAL. ONE CRATE WAS OBSERVED
ON THE PARKING APRON [REDACTED]

25X1

51. LANG SON AIRFIELD (21-50-09N 106-46-30E, [REDACTED]

25X1

[REDACTED]

KEP AIRFIELD (21-23-36N 106-15-54E, [REDACTED]

25X1

25X1

[REDACTED]

PHUC YEN AIRFIELD (21-13-15N 105-48-32E, [REDACTED]

25X1

25X1

[REDACTED]

BAI THUONG AIRFIELD (19-54-30N 105-27-55E, [REDACTED]

25X1

25X1

[REDACTED]

25X1

LANG SON AIRFIELD WAS OPERATIONAL. NO AOB WAS DISCERNIBLE
IN CLOUD-FREE AREAS.

KEP AIRFIELD WAS CLOUD COVERED.

PHUC YEN AIRFIELD WAS OPERATIONAL. THIRTY-ONE FISHBED WERE
OBSERVED IN CLOUD-FREE AREAS.

THE NORTH/SOUTH RUNWAY AT BAI THUONG AIRFIELD WAS
OPERATIONAL, HOWEVER, THE WEST NORTHWEST/EAST-SOUTHEAST RUNWAY
AND PARALLEL TAXIWAY WERE STILL UNSERVICEABLE DUE TO BOMB
DAMAGE. NO SUPPORT FACILITIES OR AOB WERE DISCERNIBLE IN
CLOUD-FREE AREAS.

MILITARY ACTIVITY

52. DONG DANG TRUCK PARK NO 2 (21-54-51N 106-40-26E, BE

[REDACTED]

25X1

DONG DANG STORAGE AREA NO 5 (21-58-53N 106-40-36E, BE

[REDACTED]

25X1

BAN TRANG TRUCK PARK (21-59-45N 106-40-00E, [REDACTED]

25X1

[REDACTED]

25X1

IN THE DONG DANG COMPLEX, POOR INTERPRETABILITY DUE TO
HEAVY CLOUDS AND HAZE PRECLUDED A DETAILED READOUT OF THE
COMPLEX AREA. THE ONLY FACILITIES WITH COVERAGE GOOD ENOUGH

25X1

[REDACTED]

TOP SECRET RUFF

25X1

25X1

25X1

- IPIR 07

HIGHLIGHTS

KH-9 MISSION 1205

FOR A LIMITED INTERPRETATION WERE DONG DANG TRUCK PARK NO 2, DONG DANG STORAGE AREA NO 5, AND BAN TRANG TRUCK PARK.

AT DONG DANG TRUCK PARK NO 2 THE STORAGE AREAS WHICH CONTAINED THE 150 SA-3 CANISTERS [REDACTED] APPEARED TO CONTAIN FOUR STACKS OF OBJECTS WHICH MAY OR MAY NOT HAVE BEEN MISSILE CANISTERS. NOTHING WAS DISCERNIBLE IN THE REMAINING STORAGE AREAS.

25X1

DONG DANG STORAGE AREA NO 5 APPEARED TO CONTAIN THE SAME AMOUNT OF MATERIAL OBSERVED [REDACTED]

25X1

THE BAN TRANG TRUCK PARK APPEARED TO CONTAIN APPROXIMATELY 250 VEHICLES.

THE ROAD BETWEEN DONG DANG AND THE NORTH VIETNAM/PRC BORDER CHECKPOINT WAS NOT INTERPRETABLE DUE TO THE HEAVY HAZE AND CLOUDS. SEVERAL VEHICLES WERE DISCERNIBLE AT THE CHECKPOINT, BUT A VEHICLE COUNT WAS NOT POSSIBLE.

LOGISTICS ACTIVITY

53.

CONTINUED EXTENSIVE LOGISTICS RELATED ACTIVITY WAS OBSERVED IN THE VICINITY OF BAT LAKE 12 NAUTICAL MILES (NM) NORTH OF THE DMZ [REDACTED] DISPERSED LOGISTICS ACTIVITY IN THE AREA INCLUDED FIVE TRUCK PARKS AND ONE PROBABLE BARRACKS/STORAGE AREA, WITH 233 TRUCKS, 134 SMALL STORAGE/SUPPORT BUILDINGS AND 12 TENTS.

25X1

A TRUCK PARK APPROXIMATELY 5 NM NORTH OF BAT LAKE ALONG ROUTE 101 AT 17-17-40N 106-38-59E, CONTAINED TWO SEPARATE PARKING AREAS WITH 55 TRUCKS AND 26 SMALL STORAGE/SUPPORT BUILDINGS.

THE LARGEST TRUCK PARK WAS LOCATED APPROXIMATELY 1.5 NM NORTH OF BAT LAKE AND CONTAINED APPROXIMATELY 66 TRUCKS AND EIGHT SMALL STORAGE/SUPPORT BUILDINGS.

A TRUCK PARK WITH A SEPARATE STORAGE/BARRACKS AREA WAS IMMEDIATELY SOUTH/SOUTHWEST OF BAT LAKE. THE TRUCK PARK CONTAINED 56 TRUCKS AND 12 SMALL STORAGE/SUPPORT BUILDINGS. THE STORAGE/BARRACKS AREA CONTAINED 21 BUILDINGS ARRANGED IN A RECTANGULAR PATTERN AROUND A LARGE T-SHAPED POSSIBLE

25X1

[REDACTED] TOP SECRET RUFF [REDACTED]

25X1

[REDACTED] IPIR 07

HIGHLIGHTS

25X1

KH-9 MISSION 1205

ADMINISTRATION BUILDING.

A TRUCK PARK APPROXIMATELY 4 NM NORTH-NORTHEAST OF BAT LAKE AT THE JUNCTION OF ROUTES 101 AND 1036 CONTAINED 24 TRUCKS AND 11 SMALL STORAGE/SUPPORT BUILDINGS.

A TRUCK PARK APPROXIMATELY 1 NM SOUTH OF BAT LAKE, WHICH CONTAINED 80 TRUCKS [REDACTED] CONTAINED APPROXIMATELY 32 TRUCKS [REDACTED] THERE WERE APPROXIMATELY 54 ADDITIONAL STORAGE/SUPPORT BUILDINGS SCATTERED THROUGHOUT THE AREA.

25X1
25X1

A LARGE TRUCK PARK, NOT ASSOCIATED WITH THE BAT LAKE ACTIVITY, WAS LOCATED APPROXIMATELY 5 NM NORTH-NORTHWEST OF THE HIGHWAY BRIDGE OVER THE SONG BEN HAI RIVER (DMZ) AT 17-04-40N 107-00-30E, AND CONTAINED THREE PARKING AREAS WITH 85 VEHICLES, A LARGE MONITOR ROOF BUILDING AND 16 SMALL STORAGE/SUPPORT BUILDINGS.

54. AT LEAST 32 TRUCKS/VEHICLES WERE OBSERVED ON THE NORTH BANK OF THE HUU HUNG FERRY CROSSING 4.5 NAUTICAL MILES (NM) SOUTH OF DONG HOI. THE TRUCKS/VEHICLES WERE APPARENTLY WAITING TO CROSS OR HAD JUST CROSSED THE RIVER. THE GENERAL DIRECTION OF TRAVEL COULD NOT BE DETERMINED.

55. THANH HOA RR + HWY BR SONG MA (19-50-12N 105-47-54E, BE [REDACTED])

25X1

ALL SPANS OF THE PREVIOUSLY DAMAGED BRIDGE HAVE BEEN REMOVED. AT LEAST ONE SPAN APPEARED TO BE MOSTLY SUBMERGED IN THE RIVER. THE BRIDGE WAS BEING BYPASSED BY TWO PONTOON HIGHWAY BRIDGES AND A RAIL FERRY EAST OF THE DISMANTLED BRIDGE. REPAIR WORK AT THE ORIGINAL BRIDGE WAS POSSIBLY IN AN EARLY STAGE.

56. THANH HOA RR AND POL COMPLEX (19-48-48N 105-46-15E, BE [REDACTED])

25X1

THE THANH HOA RAILROAD YARD WAS OPERATIONAL WITH FIVE TRACKS AND THE TURNING WYE SERVICEABLE. THIRTY-TWO SMALL STORAGE/SUPPORT BUILDINGS AND SIX LARGE POSSIBLE STORAGE BUILDINGS HAVE BEEN BUILT/REPAIRED [REDACTED] APPROXIMATELY 80 PIECES OF ROLLING STOCK WERE IN THE RAIL COMPLEX.

25X1

TOP SECRET RUFF

25X1

TOP SECRET RUFF

25X1

25X1

[REDACTED] - IPIR 07
KH-9 MISSION 1205

HIGHLIGHTS

57. ROUTE 103 (17-05-25N 106-45-05E, BE NONE, [REDACTED]
FIFTY-THREE TRUCKS WERE OBSERVED HEADING SOUTH ON ROUTE 103
APPROXIMATELY 9 NAUTICAL MILES SOUTHEAST OF BAT LAKE AT
17-05-25N 106-45-05E [REDACTED]

25X1

25X1

58.

THE MAJOR ROUTES IN NORTH VIETNAM WERE SEARCHED TO ASSESS
THE AMOUNT OF TRAFFIC AND LOGISTICS-RELATED ACTIVITY THEY WERE
CARRYING. THE SERVICEABILITY OF THE ROUTES WAS ALSO ASSESSED.
THE ROUTES WERE COVERED [REDACTED] (SOUTHERN
PANHANDLE ONLY), [REDACTED] THE ROUTES WERE CLOUD COVERED ON
[REDACTED] COVERAGE [REDACTED] WAS OF POOR INTERPRETABILITY IN
NORTH AND CENTRAL NORTH VIETNAM DUE TO HEAVY CLOUDS AND HAZE.
COVERAGE [REDACTED] WAS OF FAIR-TO-GOOD INTERPRETABILITY ALONG
THE SOUTHERN PANHANDLE COASTLINE.

25X1

25X1

25X1

25X1

ROAD TRAFFIC APPEARED TO BE LIGHT BETWEEN HANOI AND VINH.
SOUTH OF VINH, TRAFFIC PATTERNS REMAINED ESSENTIALLY THE SAME
AS WAS OBSERVED [REDACTED] TRAFFIC WAS
HEAVIEST ON THOSE ROUTES LEADING SOUTH FROM THE DONG HOI AREA
THROUGH THE WESTERN DMZ ROUTES AND ON ROUTE 1A THROUGH THE
EASTERN DMZ. THE MORE INLAND ROUTES, ESPECIALLY THOSE LEADING
TO MU GIA PASS, APPEARED IN LIGHT USE.

25X1

THE FOLLOWING IS A DETAILED SUMMARY OF EACH ROUTE SEGMENT.
ALL ACTIVITY NORTH OF VINH WAS FROM [REDACTED] PHOTOGRAPHY.
ACTIVITY SOUTH OF VINH WAS FROM THE BEST PHOTOGRAPHY AVAILABLE,
AS INDICATED.

25X1

ROUTES 1B, 316, AND 3 SOUTHWEST FROM DONG DANG TO THAI
NGUYEN WERE UNINTERPRETABLE DUE TO HEAVY CLOUDS AND HAZE.

ROUTE 3 SOUTH FROM THAI NGUYEN TO ROUTE 1A WAS
UNINTERPRETABLE DUE TO HEAVY CLOUDS AND HAZE.

ROUTE 4 SOUTH FROM DONG DANG TO LANG SON WAS SERVICEABLE.
APPROXIMATELY 80 PERCENT OF THE ROUTE WAS CLOUD FREE. HOWEVER,
HEAVY HAZE HAMPERED INTERPRETATION. THE ROUTE WAS POSSIBLY OIL
BASED IN THE VICINITY OF THE DONG DANG RAILYARD. THE ROUTE
APPEARED TO BE CARRYING LIGHT TRAFFIC. SIXTEEN VEHICLES WERE
OBSERVED ON THE ROUTE IN CLOUD-FREE AREAS.

ROUTE 1A SOUTH FROM LANG SON TO HANOI WAS UNINTERPRETABLE
DUE TO HEAVY CLOUDS AND HAZE.

25X1

TOP SECRET RUFF

25X1

25X1

IPIR 07
KH-9 MISSION 1205

HIGHLIGHTS

ROUTE 1A SOUTH FROM HANOI TO THANH HOA WAS SERVICEABLE. APPROXIMATELY 75 PERCENT OF THE ROUTE WAS CLOUD FREE, VARYING FROM 25 PERCENT CLOUD FREE WITH HAZE AT HANOI TO 100 PERCENT CLOUD FREE WITH HAZE AT THANH HOA. BRIDGES ALONG THE ROUTE WERE EITHER SERVICEABLE OR WERE BEING BYPASSED WITH PONTON BRIDGES. NO ROAD CONSTRUCTION OR ROAD SURFACE UPGRADING WAS OBSERVED. THE ROUTE APPEARED TO BE CARRYING LIGHT TRAFFIC. ONLY 31 VEHICLES WERE OBSERVED ON THE ROUTE IN CLOUD-FREE AREAS.

ROUTE 1A SOUTH FROM THANH HOA TO VINH WAS SERVICEABLE. APPROXIMATELY 75 PERCENT OF THE ROUTE WAS CLOUD FREE, VARYING FROM 100 PERCENT CLOUD FREE WITH HAZE AT THANH HOA TO 100 PERCENT CLOUD COVERED AT VINH. BRIDGES ALONG THE ROUTE WERE EITHER SERVICEABLE OR WERE BEING BYPASSED WITH PONTON BRIDGES. NO ROAD CONSTRUCTION OR ROAD SURFACE UPGRADING WAS OBSERVED. THE ROUTE APPEARED TO BE CARRYING LIGHT TRAFFIC. TEN TRUCKS WERE OBSERVED ON THE ROUTE IN CLOUD-FREE AREAS.

ROUTE 1A SOUTH FROM VINH TO HA TINH WAS PROBABLY SERVICEABLE. APPROXIMATELY 85 PERCENT OF THE ROUTE WAS CLOUD FREE, WITH HAZE IN CLOUD-FREE AREAS. THE ROUTE WAS POSSIBLY OIL BASED IN SPOTS. THE ROUTE APPEARED TO BE CARRYING LIGHT TRAFFIC. TWO VEHICLES WERE OBSERVED ON THE ROUTE IN CLOUD-FREE AREAS.

25X1

ROUTE 1A SOUTH FROM HA TINH TO DONG HOI AND ROUTE 1071 SOUTH FROM ROUTE 1A TO ROUTE 107 ACROSS THE NGUON NAY RIVER WERE SERVICEABLE. ROUTE 1A WAS SERVICEABLE EXCEPT FOR THE BRIDGE CROSSING AT QUANG KHE, WHERE THE TRAFFIC FLOW BRANCHES OFF 1A, CROSSES THE NGUON NAY RIVER ON ROUTE 1071, AND THEN REJOINS 1A SOUTH OF THE RIVER. THE PONTON BRIDGE ACROSS THE NGUON NAY RIVER WHICH WAS NOT INTACT WAS SERVICEABLE. OTHER BRIDGES ALONG ROUTE 1A WERE EITHER SERVICEABLE OR HAD BEEN BYPASSED OR FORDED. THE ROUTE APPEARED TO BE CARRYING LIGHT-TO-MODERATE TRAFFIC. FORTY TRUCKS WERE NORTH OF QUANG KHE AND 49 TRUCKS WERE SOUTH OF QUANG KHE.

25X1

25X1

25X1

25X1

ROUTE 1A SOUTH FROM DONG HOI TO THE DMZ WAS SERVICEABLE. BRIDGES ALONG THE ROUTE WERE EITHER SERVICEABLE OR HAD BEEN BYPASSED WITH PONTON BRIDGES. NUMEROUS BYPASS ROADS AND TRUCK PARKS WERE ALONG THE ROUTE. THE ROUTE APPEARED TO BE CARRYING VERY HEAVY TRAFFIC. APPROXIMATELY 110 TRUCKS WERE ON THE ROUTE

25X1

TOP SECRET RUFF

25X1

25X1

25X1

[REDACTED] - IPIR 07
KH-9 MISSION 1205

HIGHLIGHTS

25X1

ROUTES 8 AND 82 SOUTH FROM VINH TO ROUTE 152 WERE PROBABLY SERVICEABLE. APPROXIMATELY 60 PERCENT OF THE ROUTES WERE CLOUD FREE, WITH HAZE IN CLOUD-FREE AREAS. TRAFFICABILITY OF THE ROUTES WAS UNDETERMINABLE DUE TO THE HAZE.

ROUTES 1117, 8211, AND 825 SOUTH FROM ROUTE 1A TO ROUTE 152 WERE PROBABLY SERVICEABLE. HOWEVER, NO TRAFFIC WAS OBSERVED.

ROUTE 152 WEST FROM HA TINH/ROUTE 1A TO THE HEAD OF ROUTE 15 WAS SERVICEABLE. THE ROUTE APPEARED TO BE CARRYING LIGHT TRAFFIC. FIVE VEHICLES WERE ON THE ROUTE [REDACTED]

25X1

ROUTE 151 SOUTH FROM ROUTE 1A TO ROUTE 15 WAS SERVICEABLE. THE ROUTE APPEARED TO BE CARRYING LIGHT TRAFFIC. EIGHT VEHICLES WERE ON THE ROUTE [REDACTED]

25X1

ROUTE 15 SOUTH FROM ROUTE 152 TO THE MU GIA PASS WAS SERVICEABLE. THE ROUTE APPEARED TO BE CARRYING LIGHT TRAFFIC. TWENTY-SIX VEHICLES WERE ON THE ROUTE [REDACTED]

25X1

ROUTES 82 AND 110 SOUTH FROM ROUTE 152 TO THE INTERSECTION OF ROUTES 1A AND 1071 WERE SERVICEABLE. THE ROUTES APPEARED TO BE CARRYING VERY LIGHT TRAFFIC. NINE TRUCKS WERE ON THE ROUTES [REDACTED]

25X1

ROUTE 1082 SOUTH FROM ROUTE 1A TO ROUTE 82 WAS SERVICEABLE. THE ROUTE APPEARED TO BE CARRYING VERY LIGHT TRAFFIC. ONE TRUCK WAS HEADING NORTH ON THE ROUTE [REDACTED]

25X1

ROUTE 101 SOUTH FROM ROUTE 15 TO ROUTE 137 WAS SERVICEABLE. THE ROUTE APPEARED TO BE CARRYING LIGHT TRAFFIC. TWELVE TRUCKS WERE ON THE ROUTE [REDACTED]

25X1

ROUTE 137 SOUTH FROM ROUTE 101 THROUGH BAN KARAI PASS TO BAN LOBOY WAS SERVICEABLE. THE ROUTE APPEARED TO BE CARRYING A MODERATE AMOUNT OF TRAFFIC. FORTY-THREE TRUCKS WERE ON THE ROUTE [REDACTED]

25X1

ROUTE 107 WEST FROM ROUTE 1A TO ROUTE 101 WAS SERVICEABLE. THE ROUTE APPEARED TO BE CARRYING A MODERATE AMOUNT OF TRAFFIC. TWENTY-TWO TRUCKS WERE ON THE ROUTE [REDACTED]

25X1

ROUTE 101 SOUTH FROM ROUTE 137 TO THE DMZ WAS SERVICEABLE.

25X1

TOP SECRET RUFF

TOP SECRET RUFF

-25X1

25X1

25X1

IPIR 07

HIGHLIGHTS

KH-9 MISSION 1205

THE ROUTE APPEARED TO BE CARRYING MODERATE-TO-HEAVY TRAFFIC SOUTH OF THE HUU HUNG FERRY CROSSING. NO TRAFFIC WAS OBSERVED NORTH OF THE HUU HUNG. FORTY-FOUR TRUCKS WERE ON THE ROUTE. FIVE PROBABLE SA-2 MISSILE TRANSPORTERS WITH MISSILES WERE OBSERVED HEADING SOUTH 7 NAUTICAL MILES (NM) NORTH OF THE DMZ AT 17-04-15N 106-51-50E (SEE NPIC CABLE NR 17, KH

25X1

25X1

ROUTE 1012 SOUTHWEST FROM ROUTE 1A TO ROUTE 101 WAS SERVICEABLE. THE ROUTE APPEARED TO BE CARRYING A MODERATE AMOUNT OF TRAFFIC. SEVEN TRUCKS WERE OBSERVED ON THE ROUTE ON

25X1

ROUTE 1036 SOUTH FROM ROUTE 101 THROUGH THE WESTERN DMZ WAS SERVICEABLE TO THE JUNCTION OF ROUTE 1040. THE ROUTE WAS PROBABLY PASSABLE SOUTH OF ROUTE 1040 BUT DID NOT APPEAR TO BE IN USE. THE ROUTE APPEARED TO BE CARRYING A MODERATE AMOUNT OF TRAFFIC. NUMEROUS TRUCK PARKS WITH AT LEAST 135 VEHICLES WERE IN THE VICINITY OF THE ROUTE (SEE NPIC CABLE NR 13,)

25X1

25X1

ROUTE 1040 SOUTH FROM ROUTE 1036 TO ROUTE 1032 WAS PROBABLY SERVICEABLE. TRAFFICABILITY WAS UNDETERMINABLE DUE TO HAZE AND OBLIQUITY.

ROUTE 103 WEST FROM ROUTE 1A TO ROUTE 101 WAS UNSERVICEABLE AND NOT IN USE. ITS STATUS WAS IDENTICAL TO THAT

25X1

25X1

ROUTE 103 SOUTH FROM ROUTE 101 THROUGH THE DMZ WAS SERVICEABLE. THE ROUTE APPEARED TO BE CARRYING A MODERATE AMOUNT OF TRAFFIC. THIRTEEN VEHICLES WERE OBSERVED

25X1

25X1

ROUTE 1032 SOUTHWEST FROM ROUTE 103 THROUGH THE DMZ WAS SERVICEABLE. THE ROUTE APPEARED TO BE CARRYING LIGHT TRAFFIC. TWO TRUCKS WERE OBSERVED HEADING SOUTH

25X1

ROUTES 6086, 6081, AND 608 SOUTH FROM ROUTE 103 TO KHE SANH WERE SERVICEABLE. NO TRAFFIC WAS OBSERVED ON ROUTE 6086. ROUTES 6081 AND 608 APPEARED TO BE CARRYING LIGHT TRAFFIC. TWO FOUR-POSITION AAA SITES WERE ALONG ROUTE 6081 APPROXIMATELY 10 NM SOUTH OF THE DMZ AT 16-44-25N 106-41-00E. ROUTE 608 ALSO APPEARED TO BE CARRYING LIGHT TRAFFIC. HOWEVER, HEAVY ACTIVITY WAS OBSERVED ALONG THE ROUTE, INCLUDING FOUR SMALL STORAGE

25X1

TOP SECRET RUFF

TOP SECRET RUFF

25X1

25X1

- IPIR 07

HIGHLIGHTS

KH-9 MISSION 1205

AREAS AND ONE LARGE TRUCK PARK WITH 24 VEHICLES AND TWO OCCUPIED AAA SITES. THREE TRUCKS AND ONE POSSIBLE ARMORED VEHICLE (HEADING SOUTH) WERE ON ROUTES 6081 AND 608

25X1

25X1

ROUTE 101 SOUTHWEST FROM ROUTE 1A TO THE INTERSECTION WITH ROUTE 102 WAS SERVICEABLE. THE ROUTE APPEARED TO BE CARRYING A MODERATE AMOUNT OF TRAFFIC. SIX VEHICLES WERE ON THE ROUTE ON

25X1

ROUTE 102 SOUTH FROM ROUTE 101 THROUGH THE DMZ WAS SERVICEABLE. THE ROUTE APPEARED TO BE CARRYING A MODERATE AMOUNT OF TRAFFIC. FIFTEEN VEHICLES WERE ON THE ROUTE

25X1

25X1

EGYPT

MISSILE ACTIVITY

SAM ACTIVITY

59. AL QAHIRAH SAM SITE B29-A6 659 (30-07-00N 030-56-50E, BE

25X1

DAHSHUR SAM SUPPORT FACILITY 29 (29-48-48N 031-09-03E, BE

25X1

AL QAHIRAH AMMUNITION AND ORDNANCE DEPOT TURA CAVES (29-54-42N 031-19-22E,)

25X1

FIVE BATTALIONS OF SA-6 EQUIPMENT AND 80 TO 100 SA-6 MISSILE CANISTERS WERE OBSERVED AT THE AL QAHIRAH AMMUNITION AND ORDNANCE DEPOT TURA CAVAS AT 29-54-45N 031-18-30E ON 31 MARCH. THIS EQUIPMENT WAS NOT PRESENT
ALL OF THE EQUIPMENT WAS CANVAS COVERED AND IN A TRAVEL MODE.

25X1

THE EQUIPMENT CONSISTED OF:
80 TO 100 SA-6 MISSILE CANISTERS

20 TRANSPORTER-ERECTOR-LAUNCHERS
15 TRANSLOADERS
15 SA-6 CANISTER TRANSPORTERS
5 STRAIGHT FLUSH RADARS
5 RADAR SUPPORT VEHICLES
3 SINGLE-AXLE GENERATORS
1 TRUCK-MOUNTED CRANE
23 CARGO/SUPPORT TRUCKS

25X1

TOP SECRET RUFF

25X1

25X1

25X1

- IPIR 07

HIGHLIGHTS

KH-9 MISSION 1205

ONE SA-6 BATTALION WAS OBSERVED AT THE DAHSHUR SAM SUPPORT FACILITY [REDACTED] NO SA-6 EQUIPMENT WAS IDENTIFIED IN THE INCHAS AREA OR AT NPIC SITE 659. THE REMAINING SA-6 SITES IN EGYPT WERE NOT COVERED [REDACTED] ANALYSIS CONTINUES.

25X1

25X1

25X1

SYRIA

MISSILE ACTIVITY

SAM ACTIVITY

61. DIMASHQ SA-3 SAM SITE 53 (33-29-20N 036-25-50E, BE

25X1

[REDACTED] DIMASHQ SA-2 SAM SITE 54 (32-29-30N 036-24-55E, BE

25X1

[REDACTED] DIMASHQ SA-3 SAM SITE 55 (33-21-30N 036-25-30E, BE

25X1

[REDACTED] DIMASHQ SA-3 SAM SITE 56 (33-22-30N 036-16-14E, BE

25X1

[REDACTED] DIMASHQ SA-2 SAM SITE 57 (33-20-30N 036-30-59E, BE

25X1

[REDACTED] DIMASHQ SA-2 SAM SITE 58 (33-20-15N 036-26-25E, BE

25X1

[REDACTED] DIMASHQ SA-2 SAM SITE 59 (33-33-23N 036-10-35E, BE

25X1

TOP SECRET RUFF

TOP SECRET RUFF

25X1

25X1

25X1

- IPIR 07

HIGHLIGHTS

KH-9 MISSION 1205

25X1

DIMASHQ SA-3 SAM SITE 60 (33-28-30N 036-07-00E, BE

25X1

DIMASHQ SA-2 SAM SITE 61 (33-20-25N 036-23-30E, B3

25X1

DIMASHQ SA-6 SAM SUPPORT FACILITY 62 (33-30-10N 036-24-59E,

25X1

DIMASHQ SA-2/3 SAM SUPPORT FACILITY 63 (33-27-50N
036-22-55E,

25X1

DIMASHQ SA-3 SAM SITE 64 (33-27-10N 036-18-05E, BE

25X1

DUMAYR SA-6 SAM SITE 65 (33-34-59N 036-36-55E, BE

25X1

DUMAYR SA-6 SAM SITE 66 (33-36-50N 036-44-25E, BE

25X1

DUMAYR SA-6 SAM SITE 67 (33-36-25N 036-42-50E, BE

25X1

THREE SA-6 SITES (NPIC SITE 65, 66, AND 67) AND ONE SA-6 MISSILE SUPPORT FACILITY (SITE 62) WERE IDENTIFIED FOR THE FIRST TIME IN SYRIA AT DUMAYR AIRFIELD. EACH SITE IS OCCUPIED WITH FOUR TEL AND ONE TRACKING/GUIDANCE RADAR. THE SA-6 SUPPORT FACILITY CONTAINED 14 CANISTER TRANSPORTERS, FOUR TRANSLOADERS, AND AT LEAST 15 OTHER VEHICLES.

FIVE SA-3 SITES WERE SEEN DEPLOYED IN THE VICINITY OF DAMASCUS. THIS IS THE FIRST SA-3 EQUIPMENT DEPLOYMENT AROUND DAMASCUS. THREE OF THE SITES WERE OCCUPIED (SITES 53, 60, AND 64) AND TWO WERE UNOCCUPIED (SITES 55 AND 56).

THE FIRST IDENTIFIED FAN SONG E RADAR TO BE DEPLOYED IN THE MIDDLE EAST WAS IDENTIFIED IN THE DAMASCUS AREA AT NPIC SITE 54. FOUR ADDITIONAL SA-2 SITES (57, 58, 59, AND 61) WERE UNDER CONSTRUCTION IN THE DAMASCUS AREA.

ONE NEW SA-2/SA-3 MISSILE SUPPORT FACILITY (SITE 63) WAS IDENTIFIED AT DAMASCUS. THIS IS THE SECOND SA-2/SA-3 SUPPORT FACILITY IDENTIFIED IN THE DAMASCUS AREA.

THIS BRINGS THE SYRIAN SAM SYSTEMS TOTALS TO:
48 SA-2 SITES
11 SA-3 SITES
3 SA-6 SITES
3 SA-2/3 MISSILE SUPPORT FACILITIES AND
1 SA-6 MISSILE SUPPORT FACILITY

TOP SECRET RUFF

25X1

TOP SECRET RUFF

25X1

25X1

25X1

- IPIR 07

HIGHLIGHTS

KH-9 MISSION 1205

ANALYSIS CONTINUES.

25X1

62. DUMAYR SAM SITE A23-2 12 (33-34-55N 036-38-19E, BE

25X1

DIMASHQ SA-3 SAM SITE 68 (33-34-45N 036-48-20E, BE

25X1

TARTUS SAM SITE A15-3 49 (34-49-40N 035-55-40E, BE

25X1

DIMASHQ SAM SITE 69 (33-33-30N 036-17-10E,

25X1

EQUIPMENT FOR ONE SA-6 SAM IN A TRAVEL MODE WAS OBSERVED 1.5 NM SOUTHEAST OF DUMAYR AIRFIELD, SYRIA, AT 33-53-30N 036-44-50E

25X1

ONE NEW OCCUPIED SA-3 SITE (NPIC SITE NUMBER 68) WAS OBSERVED 4 NM SOUTHEAST OF DUMAYR AIRFIELD. DUMAYR SAM SITE A23-2 (12) WAS OCCUPIED BY SA-3 EQUIPMENT. TARTUS SA-3 SAM SITE A15-3 (49), A FORMER 6-GUN COASTAL DEFENSE SITE, HAS BEEN REOCCUPIED WITH GUNS AND IS NO LONGER CONSIDERED A SAM SITE.

ONE ADDITIONAL SAM SITE (69) OF UNDETERMINED TYPE WAS UNDER CONSTRUCTION 0.5 NM NORTH OF DAMASCUS.

THIS BRINGS THE SYRIAN SAM SYSTEMS TOTALS TO:
48 SA-2 SITES
12 SA-3 SITES
3 SA-6 SITES

25X1

TOP SECRET RUFF

25X1

25X1

25X1

IPIR 07

HIGHLIGHTS

KH-9 MISSION 1205

3 SA-2/3 MISSILE SUPPORT FACILITIES
1 SA-6 MISSILE SUPPORT FACILITY

25X1

GROUND FORCE ACTIVITY

63. HIMS ARMY BARRACKS SOUTH (34-39-00N 036-44-30E, BE

25X1

HIMS ARMY BARRACKS + SCHOOL (34-45-01N 036-41-27E, BE

25X1

HAMAH AMMUNITION STORAGE (35-01-40N 036-50-53E, BE

25X1

AT LEAST 150 TANKS WERE OBSERVED IN THE VICINITY OF HIMS AND HAMAH. NINETY-TWO TANKS WERE AT HIMS ARMY BARRACKS SOUTH, 40 TANKS WERE AT HIMS ARMY BARRACKS AND SCHOOL, AND 18 TANKS WERE AT HAMAH AMMUNITION STORAGE. NORMALLY A SYRIAN ARMOR BRIGADE OF APPROXIMATELY 93 TANKS IS OBSERVED IN THIS AREA.

25X1

IRAQ

AIR ACTIVITY

64. TALLIL AIRFIELD (30-56-13N 046-05-29E,

25X1

25X1

FOUR FISHBED, ONE COKE, AND NINE DUMMY FITTER AIRCRAFT WERE PRESENT AT THIS IRAQI AIRFIELD ON 3 APRIL. THIS IS THE FIRST IDENTIFICATION OF FISHBED AND COKE AIRCRAFT AT TALLIL AIRFIELD.

NAVAL ACTIVITY

65. UMM QASR PORT FACILITIES (30-01-52N 047-56-57E, BE

25X1

NAVAL SHIPS PRESENT AT THIS IRAQI PORT INCLUDED: ONE SVERDLOV CLCP (LIGHT CRUISER COMMAND SHIP, POINT DEFENSE), ONE PETYA-2 DE, FOUR OSA PTFG, AND ONE BORIS CHILIKIN AOR (UNDERWAY REPLENISHMENT SHIP). THIS WAS THE FIRST IDENTIFICATION IN KH PHOTOGRAPHY OF A SOVIET LARGE COMBATANT IN

25X1

TOP SECRET RUFF

25X1

TOP SECRET RUFF

25X1

25X1

[REDACTED] - IPIR 07
KH-9 MISSION 1205

HIGHLIGHTS

AN IRAQI PORT, AND THE FIRST TIME THAT AS MANY AS FOUR OSA HAVE BEEN OBSERVED IN IRAQI PORTS.

66. UMM QASR MILITARY INSTALLATION (30-01-20N 047-56-50E, BE

25X1

A PROBABLE PIER WAS IN THE INITIAL STAGES OF CONSTRUCTION ON THE EASTERN EDGE OF THIS INSTALLATION [REDACTED] A LARGE STORAGE BUILDING, THREE SMALLER BUILDINGS, AND SEVERAL NEW ROADS WERE ALSO UNDER CONSTRUCTION. THIS IS THE FIRST IDENTIFICATION OF BERTHING FACILITIES ASSOCIATED WITH THE INSTALLATION. EXTENSIVE DREDGING HAS BEEN OBSERVED IN THIS AREA SINCE SEPTEMBER 1972 [REDACTED]

25X1

25X1

THIRTY-FOUR STYX MISSILE CRATES AND FIVE PROBABLE STYX MISSILE CRATES WERE OBSERVED NEXT TO A LARGE BUILDING IN THE INSTALLATION. THIS IS THE LARGEST NUMBER OF STYX MISSILE CRATES IDENTIFIED IN IRAQ.

YEMEN

GROUND FORCE ACTIVITY

67. JINNAH TROOP CONCENTRATION (124700N 0435820E, BE

25X1

[REDACTED] KHAWR AL UMAYRAH TROOP CONCENTRATION (124100N 0440730E, BE

25X1

[REDACTED] AL KIRSH TROOP CONCENTRATION (132150N 0442925E, BE

25X1

[REDACTED] MUSAYMIR TROOP CONCENTRATION (132530N 0443000E, BE

25X1

[REDACTED] AD DALI TROOP CONCENTRATION 134600N 0444340E, BE

25X1

[REDACTED] AL KHARIBAH TROOP CONCENTRATION (134650N 0444815E, BE

25X1

[REDACTED] ADEN ARMY BARRACKS LITTLE ADEN (124602N 0445055E, BE

25X1

[REDACTED] FALAISE AIRFIELD (124705N 0445005E, [REDACTED]

25X1

[REDACTED] KHORMAKSAR AIRFIELD (124940N 0450150E, [REDACTED]

25X1

[REDACTED] ADEN PORT FACILITIES (124715N 0450027E [REDACTED]

25X1

[REDACTED] TURBAH COASTAL DEFENSE POSITION WEST (124124N 04327423, BE

25X1

25X1

TOP SECRET RUFF

TOP SECRET RUFF

- IPIR 07

KH-9 MISSION 1205

HIGHLIGHTS

A PRELIMINARY ANALYSIS OF THE YEMEN/SOUTH YEMEN BORDER AREA
 [REDACTED] FOLLOWS. THE AREAS OF SIGNIFICANT MILITARY
 ACTIVITY ALONG THE BORDER WERE THE SAME AS THOSE NOTED [REDACTED]
 [REDACTED] AND REPORTED IN THE OAK HIGHLIGHT CABLE DATED [REDACTED]
 [REDACTED] A SUMMARY OF ACTIVITY NOTED [REDACTED] FOLLOWS WITH
 COMPARISON TO [REDACTED] INFORMATION, WHERE APPLICABLE.

1. PERIM ISLAND: NO EVIDENCE OF A BUILD-UP OF MILITARY OR
 NAVAL FORCES WAS OBSERVED ON PERIM ISLAND [REDACTED]

2. JINNAH TROOP CONCENTRATION: THE 10 TANKS/ASSAULT GUNS,
 5 POSSIBLE BTR-152, FOUR FA PIECES AND 19 TRUCKS OBSERVED [REDACTED]
 [REDACTED] HAD DEPARTED.

3. KHAWR AL UMayRAH TROOP CONCENTRATION: 10 TANKS/ASSAULT
 GUNS, 9 PROBABLE TANKS/ASSAULT GUNS, 28 BTR-152, 8 FA PIECES, 4
 PROBABLE MORTARS AND NUMEROUS TRUCKS AND TENTS WERE OBSERVED
 [REDACTED] [REDACTED], 19 TANKS/ASSAULT GUNS, 8 BTR-152, ONE
 POSSIBLE FA PIECE, TWO POSSIBLE AA GUNS, AND 36 TRUCKS WERE
 OBSERVED.

4. AL KIRSH TROOP CONCENTRATION: 3 TANKS/ASSAULT GUNS, 2
 POSSIBLE TANKS/ASSAULT GUNS, 3 BTR-152, AND NUMEROUS TRUCKS AND
 TENTS WERE OBSERVED [REDACTED] ONE POSSIBLE
 TANK/ASSAULT GUN, TWO POSSIBLE MORTARS, THREE ANTI-AIRCRAFT
 GUNS AND 30 TRUCKS WERE SEEN.

5. MUSAYMIR TROOP CONCENTRATION: 11 TANKS, 8 FA PIECES, 8
 PROBABLE MORTARS, 4 ANTI-AIRCRAFT GUNS, AND NUMEROUS TRUCKS AND
 TENTS WERE OBSERVED [REDACTED] 14 TANKS/ASSAULT
 GUNS, 6 FA PIECES, 8 MORTARS, 2 ANTI-AIRCRAFT GUNS AND 53
 TRUCKS WERE OBSERVED.

6. AD DALI TROOP CONCENTRATION: NO CHANGE WAS OBSERVED IN
 THIS AREA [REDACTED] IT STILL CONTAINED 9 TANKS/ASSAULT
 GUNS AND 15 TRUCKS.

7. AL KHARIBAH TROOP CONCENTRATION: NO CHANGE WAS
 OBSERVED IN THIS AREA. IT STILL CONTAINED 11 TANKS/ASSAULT
 GUNS, 3 ANTI-AIRCRAFT GUNS, AND 15 TRUCKS [REDACTED]

8. ADEN ARMY BARRACKS LITTLE ADEN: 3 TANKS AND 2 FA GUNS
 WERE OBSERVED IN THE BARRACKS AREA WHERE 11 TANKS WERE OBSERVED
 [REDACTED] SEVENTEEN TANKS WERE OBSERVED ON THE FIRING RANGE

TOP SECRET RUFF

TOP SECRET RUFF

25X1

25X1

25X1

- IPIR 07

HIGHLIGHTS

KH-9 MISSION 1205

WHERE 8 WERE OBSERVED

25X1

9. FALAISE AIRFIELD: TWO HIP-C HELICOPTERS WERE OBSERVED.

10. ADEN KHORMAKSAR AIRFIELD: 1 BEAGLE (IL-28), THREE FRESCO, 10 MEDIUM STRAIGHT-WING AND 1 HIP-C WERE OBSERVED.

11. ADEN PORT FACILITIES: ONE EMERGENCY CLASS DESTROYER, TWO SO-1 SMALL SUBMARINE CHASERS, THREE HAM-CLASS INSHORE MINESWEEPERS, ONE POSSIBLE LANDING CRAFT, AND TWO MECHANIZED LANDING CRAFT WERE OBSERVED.

12. TURBAH COASTAL DEFENSE POSITION WEST (YEMEN): 6 TANKS/ASSAULT GUNS, 2 FA PIECES, 1 PROBABLE ANTI-AIRCRAFT GUN, AND NUMEROUS TRUCKS AND FORTIFIED DEFENSIVE POSITIONS WERE OBSERVED. (NOT COVERED) .

25X1

ANALYSIS IS CONTINUING.

TOP SECRET RUFF

25X1

WWIPR CODES

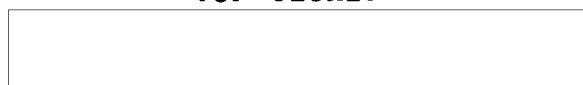
<u>Status (STA:)</u>	<u>OB</u>	<u>Interpretability</u>
NEG - Negated	MIS: Missiles	E - Excellent
UCO - Under Const	AOB: Air	G - Good
COM - Complete	NVL: Naval	F - Fair
UKN - Unknown	GFW: Grd Force	P - Poor
NOP - Not Oprtl	ELC: Electronic	
OPR - Operat'l	AAA: Antiair	<u>Conditions</u>
OCC - Occupied	OBJ: Assoc Objs	CL - Clear
UNP - Unoccupied		SC - Scattered Cloud
ABN - Abandoned	<u>Mode</u>	HC - Heavy Cloud
RMV - Removed	W - Stereo/Blk & White	HA - Haze
TRN - Transitory	P - Part Stereo/ Blk & White	SN - Snow
DMG - Damaged	B - Mono Blk & White	SH - Shadow
DST - Destroyed	S - Stereo/Color	OL - Obliquity
	A - Part Stereo/ Color	SD - Semi- darkness
	C - Mono Color	HD - Heavy Dust/ Smoke
	D - Camouflage Detection	<u>Coverage</u>
	F - Infrared	C - Complete
	R - Radar	P - Partial
	N - Nonstandard	O - Oblique
	G - Monochromic/Stereo	V - Vertical
	E - Monochromic/Partial Stereo	
	M - Monochromic/Mono	
<u>General</u>		
IMR: Image Ref (Photo Ref)		
DES: Description		
RMK: Remarks		
IDC: Image Derived Coord.		
MPR: Map Ref		
DFC: Defenses/ Security		

TOP SECRET



25X1

TOP SECRET



25X1